

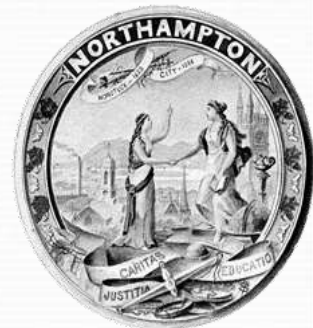
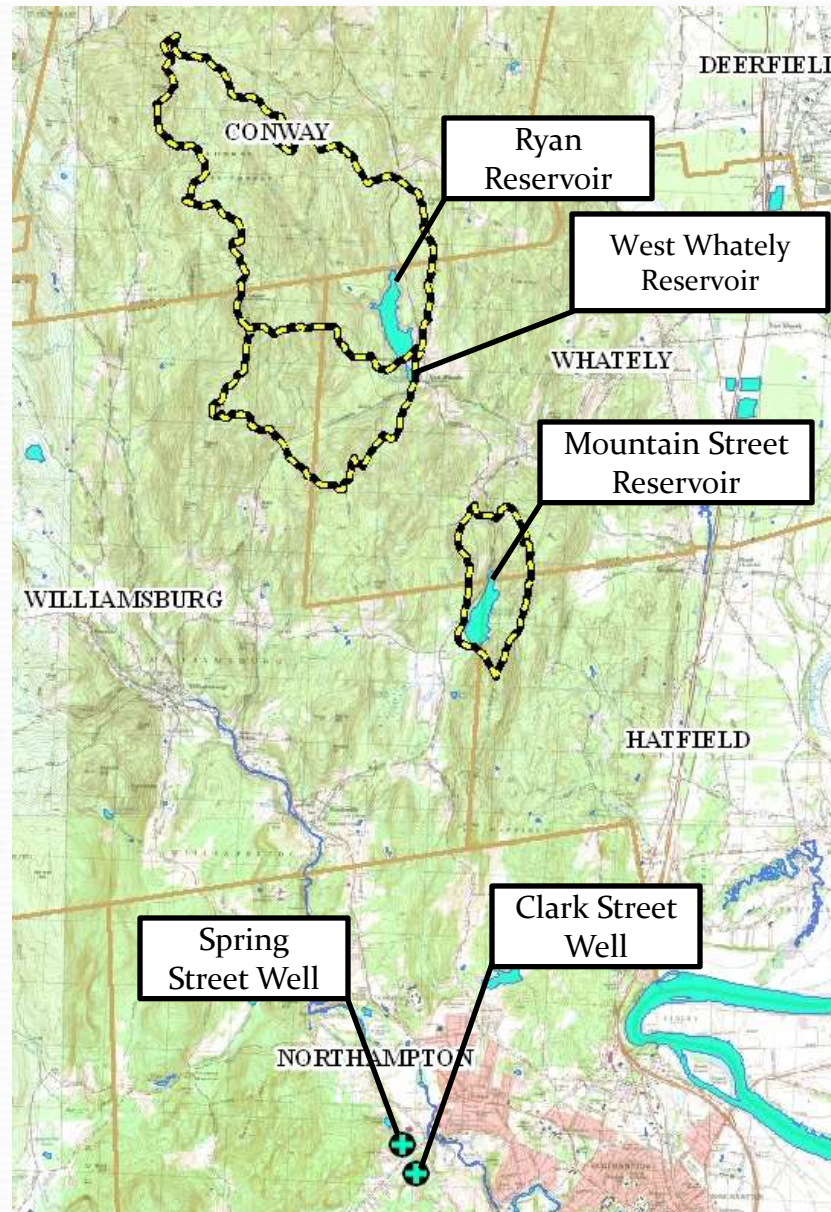
Protecting Northampton's Water Supply Forestry's Role, Habitat Opportunities

Presentation at MA DFW Wildlife Habitat Conference
October 24, 2015

Michael Mauri, Consulting Forester for
Northampton Department of Public Works



Active Water Supply Locations



Forest Stewardship Plan

“Promote and sustain a diverse, healthy and vigorous forest, and maintain associated infrastructure in good operating condition, so that the primary goal of water quality protection, and secondary goals of long-term timber revenue and habitat diversity are served”

Desired Condition of Watershed Forest

- Diverse forest of vigorous, site-adapted native trees and shrubs and other vegetation
- Multi-aged forest structure with many trees growing to a mature size
- Well-distributed tree regeneration of desirable species
- The harm caused by interfering factors (e.g. invasive plants) is minimized

Public Land, Public Response, Public Support

- Who IS the public?
- The public is the landowner
- The public is the person walking their dog
- The public is a member of a local land trust
- The public is someone reading the internet in Turkey
- The public is anyone who may come into contact with your project
- The public will be rightfully concerned

Happy



Frequent and Varied Outreach





Red Pine Harvest – Henhawk Trail Water Supply Property

OCTOBER AND NOVEMBER 2015
NORTHAMPTON WATER SUPPLY PROPERTY
WILLAMSBURG and WHATELY, MA

The Northampton Department of Public Works has contracted with a logging company to harvest red pine trees on water supply property located off of the Henhawk Trail in Willamsburg, MA, and off Grass Hill Road in Whately. Trucking for both logging operations will be on Willamsburg, Nash Hill and Depot Roads. Depending upon weather, the logging may take about 3-4 weeks and is tentatively scheduled to begin in the last two weeks of October. We have directed truck drivers to proceed carefully and respectfully on this route.

Red pine trees in this area are being removed due to the presence of red pine scale (*Matsucoccus resinosae*). This pest will cause complete mortality of most of the red pines within the next 1-3 years if not removed now. The red pine, a non-native tree, was planted by the City about 85 years ago. A mix of native trees from seed, seedlings and sprouts are expected to take the place of the red pines. The red pines are being sent out as utility poles and saw logs to mills in Upstate New York and Willamsburg, MA. The pulpwood and all topwood and branches are being retained in the forest to serve a number of beneficial purposes including protecting the soil during the logging operation and initial phase of re-growth, and ultimately to decompose in place, recycling nutrients and increasing organic matter in the soil.

For more information contact Nicole Sanford – Sr. Environmental Scientist with Northampton DPW at (413) 587-1376 or nsanford@northamptonma.gov or visit DPW's website: <http://www.northamptonma.gov/1400/Watershed>.

**IF YOU ARE HIKING ON THE TRAIL DURING THE ACTIVE HARVEST PLEASE BE AWARE OF
LOGGING EQUIPMENT ESPECIALLY LOGGING TRUCKS AND PLEASE KEEP A VERY SAFE
DISTANCE FROM ANY LOGGING EQUIPMENT IN THE WOODS**



Management of Watershed Forest, Habitat Opportunities



Problem Situation



Hoping to avoid this



Also hoping to avoid this...



Partial solution same site– 10/2015



Starting point



Cutting Red Pine



Flushed Stump



Skidding Red Pine



Details: Nighttime Skidding During Mud Season



Mowing the regrowth 8/2015



Bittersweet 10/2015: opportunity to combine water quality and habitat goals



Thank you

Questions???

Website link to photo log -

<http://www.northamptonma.gov/1400/Watershed>

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